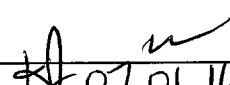
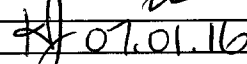


Date: Tuesday, 1/16/2007 11:29:29 AM  
 User: Kim Johnston

## Process Sheet

<b>Customer</b> : CU-DAR001 Dart Helicopters Services	<b>Drawing Name</b> : 206/OH-58 SADDLE, INBOARD, RIGHT SIDE - UNDER REVIEW
<b>Job Number</b> : 30281	
<b>Estimate Number</b> : 10940	
<b>P.O. Number</b> : N/A	<b>Part Number</b> : D29381
<b>This Issue</b> : 1/16/2007 <b>S.O. No.</b> : N/A	<b>Drawing Number</b> : D2938 UNDER REVIEW CB
<b>Prsht Rev.</b> : NC	<b>Project Number</b> : N/A
<b>First Issue</b> : N/A <b>Type</b> : MACHINED PARTS	<b>Drawing Revision</b> : B
<b>Previous Run</b> : 29347	<b>Material</b> : N/A
<b>Written By</b> : 	<b>Due Date</b> : 1/30/2007
<b>Checked &amp; Approved By</b> : 	<b>Qty</b> : 12 <b>Um</b> : Each
<b>Comment</b> : Est: B 00.06.26 New DWG rev (mpp 2069) EC	

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

1.0	D6101003	7075-T7351 2X6.25X7.875
-----	----------	-------------------------



**Comment:** Qty.: 1.0000 Each(s)/Unit Total : 10.0000 Each(s) -

Issue material from stock: 7075-T7351 (QQ-A-250/12)

Cut Size 2.0" x 6.25" X 7.88" Grain Along 7.88" Length

(D6101-003)

Batch No: B25346

36 07.02.06

12

2.0	HAAS1	HAAS CNC VERTICAL MACHINING #1
-----	-------	--------------------------------



**Comment:** HAAS CNC VERTICAL MACHINING #1

Program part number and batch number.

1-Inspect part number and batch number are programmed correctly.

2-Machine Step No 1 of Folio and visually inspect as per dwg D2938 & attached Dimension Sheet

3-Machine Step No 2 of Folio and visually inspect as per dwg D2938 & attached Dimension Sheet

4-Machine Step No 3 of Folio and visually inspect as per dwg D2938 & attached Dimension Sheet

5-Deburr

SD 07.01.22

(12)

3.0	MILLING CONV.	CONVENTIONAL MILLING MACHINE
-----	---------------	------------------------------



**Comment:** CONVENTIONAL MILLING MACHINE

Machine Keyway and inspect per attached dimension sheet

SD 07.02.02

(12)

4.0	QC1	INSPECT ALL DIM TO DIM SHEET
-----	-----	------------------------------



**Comment:** INSPECT ALL DIM TO DIM SHEET

SD 07.01.22

(12)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☐ No ☒ DQA: ☒ Date: 07/02/13

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 1/16/2007 11:29:29 AM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: 206/OH-58 SADDLE, INBOARD, RIGHT SIDE - UNDER  
REVIEW

Job Number: 30281

Part Number: D29381

Job Number:



Seq. #:

Machine Or Operation:

Description :

✓ 5.0

QC8

SECOND CHECK



Comment: SECOND CHECK

36 07-02-06

12

6.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Acid etch and Alodine as per QSI 005 4.1

MR/Y

07-02-07 (12)

7.0

POWDER COATING

POWDER COATING



M103141



(12x)

Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

MR/Y

07/02/12

8.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT

ST

PC 7/02/12 (12)

9.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: \_\_\_\_\_

ST479

PC 7/02/12 (12)

10.0

QC21

FINAL INSPECTION/W/O RELEASE



(12)

Comment: FINAL INSPECTION/W/O RELEASE

07/02/13

Job Completion



W 07-02-12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

<b>DART AEROSPACE LTD</b>	<b>Work Order:</b> 30281
<b>Description:</b> 206 Saddle, Outboard, Left side	<b>Part Number:</b> D2938-1
<b>Inspection Dwg:</b> D2938 Rev. B	<b>Page 1 of 1</b>

Inspect dimensions highlighted on inspection sheet drawing D2938 Rev. B and record below:

				Recorded Actual Dimensions				By	Date
Dim	Min	Max	Go/No Go Gauge	1	2	3	4		
A	0.100	0.140		0.135	0.129	0.131	0.130		
B	0.100	0.140		0.136	0.130	0.128	0.130		
C	0.100	0.140		0.120	0.117	0.117	0.118		
D	0.210	0.230		0.221	0.221	0.221	0.220		
E	1.245	1.255		1.250	1.249	1.249	1.249		
F	1.245	1.255		1.250	1.249	1.249	1.249		
G	2.495	2.505		2.500	2.500	2.500	2.500		
H	0.510	0.515		0.513	0.513	0.513	0.513		
I	1.572	1.582		1.575	1.576	1.576	1.576		
J	2.495	2.505		2.500	2.500	2.500	2.500		
K	0.257	0.262		0.258	0.258	0.258	0.258		
L	0.312	0.317		0.314	0.314	0.314	0.314		
M	0.235	0.240		0.237	0.236	0.236	0.236		
N	0.100	0.140		0.121	0.121	0.120	0.120		
O	0.540	0.560		0.547	0.550	0.549	0.549		
P	0.490	0.510		0.501	0.503	0.505	0.502		
Q	3.715	3.725		3.716	3.717	3.717	3.717		
R	2.720	2.760		2.740	2.741	2.740	2.740		
S	0.240	0.270		0.253	0.253	0.253	0.253		
T	0.100	0.180		0.140	0.141	0.141	0.142		
U	1.625	1.635		1.628	1.629	1.627	1.627		
V	1.362	1.372		1.364	1.365	1.365	1.365		
W	0.316	0.321		0.320	0.320	0.320	0.320		
X	1.250	1.270		1.259	1.259	1.260	1.259		
Y	1.565	1.585		1.574	1.572	1.573	1.570		
Z									
AA									
AB									
AC									
AD									
AE									
AF									
AG									
AH									
Accept/Reject									

Measured by: J.F. / J.M.L.
Date: 07/02/02 / 07/01/22

Audited by: BG
Date: 07.02.06

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.12.12	Reformat; Added Dim. X-Y, DT8683, DT8686, DT8690	KJ/RF	

<b>DART AEROSPACE LTD</b>	<b>Work Order:</b> 30281
<b>Description:</b> 206 Saddle, Outboard, Left side	<b>Part Number:</b> D2938-1
<b>Inspection Dwg:</b> D2938 Rev. B	<b>Page 1 of 1</b>

Inspect dimensions highlighted on inspection sheet drawing D2938 Rev. B and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	By	Date
A	0.100	0.140		.129	.129	.125	.125		
B	0.100	0.140		.129	.125	.130	.130		
C	0.100	0.140		.120	.121	.120	.120		
D	0.210	0.230		.221	.221	.220	.221		
E	1.245	1.255		1.250	1.250	1.250	1.250		
F	1.245	1.255		1.250	1.250	1.250	1.250		
G	2.495	2.505		2.500	2.500	2.500	2.500		
H	0.510	0.515		.513	.513	.513	.513		
I	1.572	1.582		1.577	1.577	1.577	1.577		
J	2.495	2.505		2.500	2.500	2.500	2.500		
K	0.257	0.262	<del>DT8683</del>	.258	.258	.258	.258		
L	0.312	0.317	<del>DT8686</del>	.314	.314	.314	.314		
M	0.235	0.240		.236	.236	.236	.236		
N	0.100	0.140		.118	.119	.118	.119		
O	0.540	0.560		.545	.550	.550	.550		
P	0.490	0.510		.498	.495	.495	.494		
Q	3.715	3.725		3.717	3.717	3.717	3.717		
R	2.720	2.760		2.740	2.740	2.740	2.740		
S	0.240	0.270		.252	.253	.251	.252		
T	0.100	0.180		.138	.138	.138	.138		
U	1.625	1.635		1.630	1.630	1.630	1.630		
V	1.362	1.372		1.367	1.367	1.367	1.367		
W	0.316	0.321	<del>DT8689</del>	.320	.320	.320	.320		
X	1.250	1.270		1.260	1.259	1.259	1.260		
Y	1.565	1.585		1.573	1.572	1.572	1.573		
Z									
AA									
AB									
AC									
AD									
AE									
AF									
AG									
AH									
Accept/Reject									

Measured by: SA
Date: 07.01.23

Audited by: BG
Date: 07.02.06

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.12.12	Reformat; Added Dim. X-Y, DT8683, DT8686, DT8690	KJ/RF	

1.259

<b>DART AEROSPACE LTD</b>	<b>Work Order:</b>	30281
<b>Description:</b> 206 Saddle, Outboard, Left side	<b>Part Number:</b>	D2938-1
<b>Inspection Dwg:</b> D2938 Rev. B		Page 1 of 1

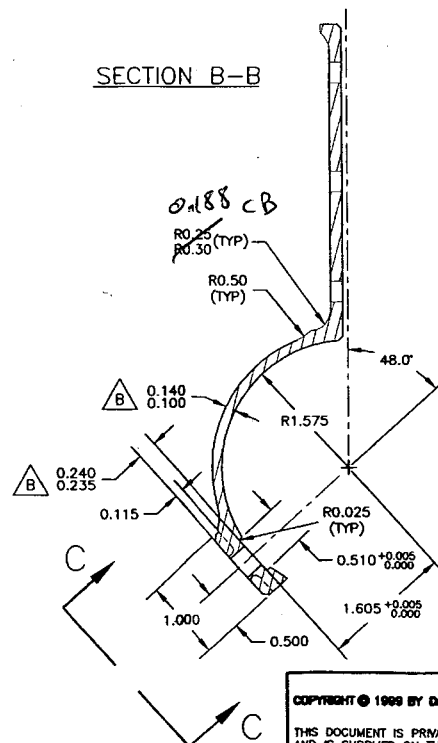
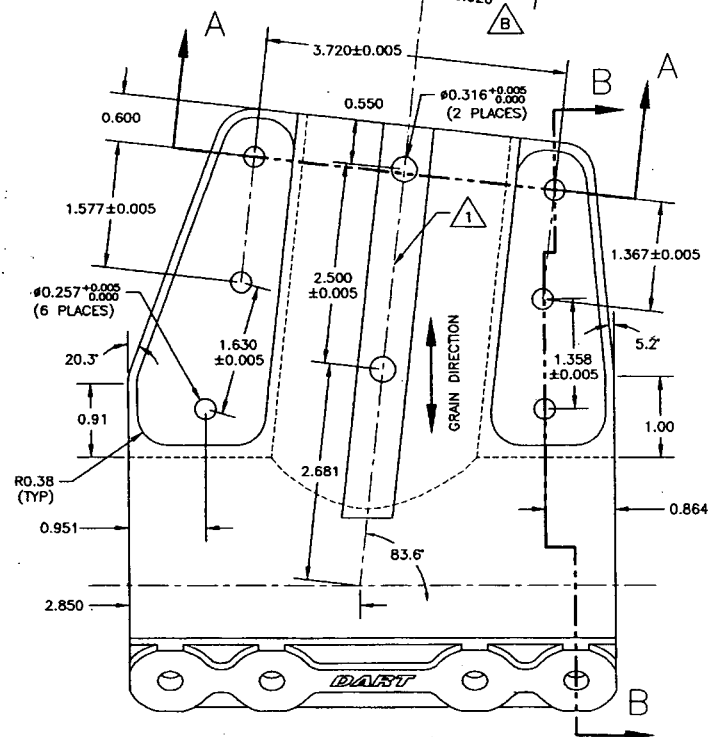
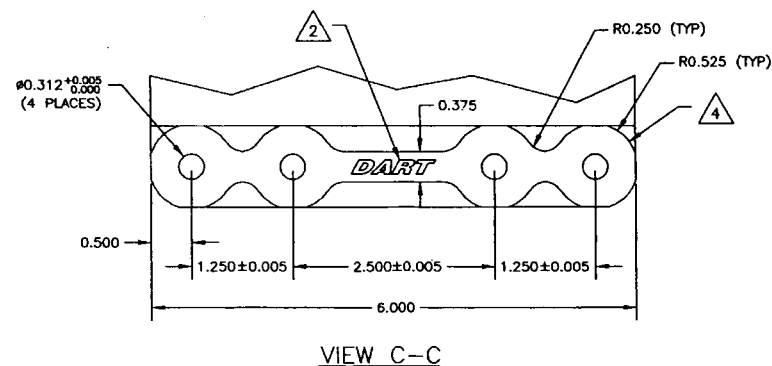
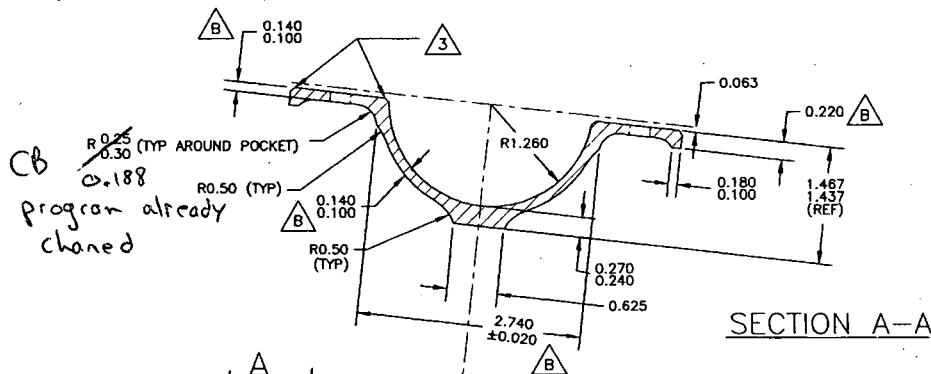
Inspect dimensions highlighted on inspection sheet drawing D2938 Rev. B and record below:

Dim	Min	Max	Go/No Go Gauge	Recorded Actual Dimensions				By	Date
				1	2	3	4		
A	0.100	0.140		.129	.129	.129	.129		
B	0.100	0.140		.129	.129	.129	.130		
C	0.100	0.140		.120	.120	.121	.120		
D	0.210	0.230		.221	.221	.219	.221		
E	1.245	1.255		1.250	1.250	1.250	1.250		
F	1.245	1.255		1.250	1.250	1.250	1.250		
G	2.495	2.505		2.500	2.500	2.500	2.500		
H	0.510	0.515		.513	.513	.513	.513		
I	1.572	1.582		1.577	1.577	1.577	1.577		
J	2.495	2.505		2.498	2.498	2.498	2.498		
K	0.257	0.262	<del>DT8683</del>	.258	.258	.258	.258		
L	0.312	0.317	<del>DT8686</del>	.314	.314	.314	.314		
M	0.235	0.240		.236	.236	.236	.236		
N	0.100	0.140		.119	.119	.119	.119		
O	0.540	0.560		.550	.550	.550	.550		
P	0.490	0.510		.496	.497	.497	.498		
Q	3.715	3.725		3.717	3.717	3.718	3.717		
R	2.720	2.760		2.740	2.740	2.740	2.740		
S	0.240	0.270		.252	.252	.252	.253		
T	0.100	0.180		.138	.138	.138	.138		
U	1.625	1.635		1.630	1.630	1.630	1.630		
V	1.362	1.372		1.367	1.367	1.367	1.367		
W	0.316	0.321	<del>DT8690</del>	.320	.320	.320	.320		
X	1.250	1.270		1.258	1.258	1.259	1.261		
Y	1.565	1.585		1.570	1.570	1.572	1.573		
Z									
AA									
AB									
AC									
AD									
AE									
AF									
AG									
AH									
Accept/Reject									

Measured by:	SA
Date:	07.01.23

Audited by:	RG
Date:	07.02.06

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.12.12	Reformat; Added Dim. X-Y, DT8683, DT8686, DT8690	KJ/RF	#



D2938-1 LH SADDLE (SHOWN)  
D2938-2 RH SADDLE (OPPOSITE)

MATERIAL: 7075-T7351 (QQ-A-250/12)  
FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
POWDER COAT GLOSS WHITE (REF 4.3.5.1) PER  
DART QSI 005 4.3  
BREAK ALL SHARP EDGES 0.010 TO 0.020  
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.

- 1 ENGRAVE PART AND BATCH NUMBER IN THIS AREA 0.010 TO 0.015 DEEP
- 2 ENGRAVE DART LOGO TO MAX DEPTH OF 0.005 WITH MIN RAD 0.250
- 3 CHAMFER 0.050" x 45° AROUND THIS SURFACE (TYPICAL 2 PLACES)
- 4 CHAMFER 0.050" x 45°

RELEASED

UNDER REVIEW

NO WORK ORDER  
30281

COPYRIGHT © 1998 BY DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

B	00.05.29	CHANGED GEOMETRY AND MATERIAL
A	99.11.12	NEW ISSUE
DESIGN	DRAWN BY RF	<b>DART</b> DART AEROSPACE USA, INC. BELLINGHAM, WA
CHECKED	APPROVED	DRAWING NO. D2938
DATE	00.05.29	TITLE SADDLE OUTSIDE
		REV. B SHEET 1 OF 1 SCALE 2:3